

Requested Patent: EP0938878A3

Title: WIRE REINFORCED VASCULAR PROSTHESIS ;

Abstracted Patent: EP0938878 ;

Publication Date: 1999-09-01 ;

Inventor(s):

LUND SIGNE (US); RAKOS RONALD (US); TOMONTO CHARLES (US) ;

Applicant(s): CORDIS CORP (US) ;

Application Number: EP19990301335 19990224 ;

Priority Number(s): US19980030408 19980225 ;

IPC Classification: A61F2/06 ;

Equivalents: AU1730899, JP11285537, US6015432

ABSTRACT:

What is described herein is a endovascular tube or bifurcated prosthesis used for the repair of aneurysms or other vessel disease. This can be soft or hard occlusive disease. This prosthesis is constructed by fabricating a structure that consists of a textile or other polymeric material and through which is threaded a superelastic metal wire such as a nitinol, a ductile wire or other filament material. The textile can be a polymeric material. The wire provides the self-expandability of the current device. Ideally, the thickness of the device should be minimized, so that it can be delivered to the diseased site using a percutaneous procedure.

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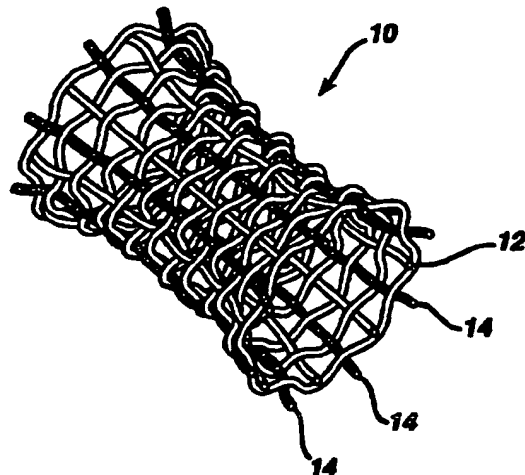
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(54) Wire reinforced vascular prosthesis

(57) What is described herein is a endovascular tube or bifurcated prosthesis used for the repair of aneurysms or other vessel disease. This can be soft or hard occlusive disease. This prosthesis is constructed by fabricating a structure that consists of a textile or other polymeric material and through which is threaded a superelastic metal wire such as a nitinol, a ductile wire or other filament material. The textile can be a polymeric material. The wire provides the self-expandability of the current device. Ideally, the thickness of the device should be minimized, so that it can be delivered to the diseased site using a percutaneous procedure.

FIG. 1



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